Amendments To The Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (currently amended) Connecting mechanism ~~for~~ comprising:

~~two parts, which are~~one part and another part, the another part being at least partially insertable into the one part~~another~~, the one part having~~with~~ a cam-operated component~~,~~ which runs on bearings on the one part and is adjustable between a passive and an active position for shifting a first and a second plurality~~number~~ of contact elements between a withdrawal and a contact position, the first plurality of contact elements being separate from the second plurality of contact elements;

~~whereby~~ the first and second plurality of contact elements, when in the contact position, meshing~~mesh~~ in first and second~~a~~ retaining indentations~~indentation~~ on the another~~other~~ part~~,~~;

~~and with~~ a driving device to adjust~~for the adjustment of~~ the cam-operated component between the active and passive position~~,~~;

~~characterized in that~~ the first plurality of contact elements being located at one level in the one part and the second plurality of contact elements being located at a second level in the one part, the contact elements being~~are allocated in two or more levels~~ essentially parallel to the insertion direction of the two parts; and

~~for~~ shifting the contact elements between the withdrawal and contact positions located at~~is allocated to~~ each level.

2. (currently amended) Connecting mechanism according to claim 1, characterized in that the one and another parts~~that are insertable into one another~~ are tubular.

3. (currently amended) Connecting mechanism according to claim 1, characterized in that the~~this~~ mechanism is arranged in the interior of the one part~~and, in particular, in its wall~~, whereby the another~~other~~ part can be inserted, with at least one end, into a longitudinal bore hole of the one part.

4. (previously presented) Connecting mechanism according to claim 1, characterized in that the cam-operated component presents at least one cam ring, rotatably running on bearings, with sliding cams on an inner surface of the ring.

5. (currently amended) Connecting mechanism according to claim 1, characterized in that a cam ring is allocated ~~at~~to each level of contact elements.

6. (currently amended) Connecting mechanism according to claim 1, characterized in that the contact elements run in bearings in a supporting ring and~~in such a way that they~~ are adjustable between the withdrawal and contact positions.

7. (currently amended) Connecting mechanism according to claim 1, characterized in that a supporting ring is allocated ~~at~~to each level.

8. (currently amended) Connecting mechanism according to claim 1, characterized in that ~~the~~ sliding cams are formed on the inner surface of the ring as a link guide.

9. (currently amended) Connecting mechanism for two parts, which are at least partially insertable into one another, with a cam-operated component, which runs on bearings on the one part and is adjustable between a passive and active position for shifting a number of contact elements between a withdrawal and a contact position, whereby the contact elements, when in the contact position, mesh in a retaining indentation on the other part, and with a driving device for the adjustment of the cam-operated component between the active and passive position, characterised in that the contact elements are allocated in two or more levels essentially parallel to the insertion direction of the two parts and the cam-operated component for shifting the contact elements between the withdrawal and contact positions is allocated to each level;

the cam-operated component having at least one cam ring, rotatably running on bearings, with sliding cams on an inner surface of the ring; and

~~Connecting mechanism according to claim 1, characterized in that~~ the contact element, with a rotatable locating element that runs on bearings ~~so that it is especially rotatable~~, is in contact with the inner surface of the ring.

10. (currently amended) Connecting mechanism for two parts, which are at least partially insertable into one another, with a cam-operated component, which runs on bearings on the one part and is adjustable between a passive and active position for shifting a number of contact

elements between a withdrawal and a contact position, whereby the contact elements, when in the contact position, mesh in a retaining indentation on the other part, and with a driving device for the adjustment of the cam-operated component between the active and passive position, characterised in that the contact elements are allocated in two or more levels essentially parallel to the insertion direction of the two parts and the cam-operated component for shifting the contact elements between the withdrawal and contact positions is allocated to each level; and

~~Connecting mechanism according to claim 1, characterized in that~~ the contact element being forced~~is force and, in particular, spring pressurized~~ in the direction of the withdrawal position.

11. (previously presented) Connecting mechanism according to claim 1, characterized in that the contact elements of different levels present contact positions that are shifted in different amounts, at least radially towards the interior.

12. (previously presented) Connecting mechanism according to claim 1, characterized in that the contact elements of one level present contact positions that are shifted at least in different amounts radially towards the interior.

13. (currently amended) Connecting mechanism for two parts, which are at least partially insertable into one another, with a cam-operated component, which runs on bearings on the one part and is adjustable between a passive and active position for shifting a number of contact elements between a withdrawal and a contact position, whereby the contact elements, when in the contact position, mesh in a retaining indentation on the other part, and with a driving device for the adjustment of the cam-operated component between the active and passive position, characterised in that the contact elements are allocated in two or more levels essentially parallel to the insertion direction of the two parts and the cam-operated component for shifting the contact elements between the withdrawal and contact positions is allocated to each level;

~~Connecting mechanism according to claim 1, characterized in that~~ the contact elements of different levels beingare arranged offset to one another in the circumferential direction.

14. (currently amended) Connecting mechanism according to claim 13~~1~~, characterized in that the cam-operated component includes a cam ring for each level of contact elements and pivot bearings~~, in particular ball bearings,~~ are arranged between adjacent cam rings.

15. Connecting mechanism for two parts, which are at least partially insertable into one another, with a cam-operated component, which runs on bearings on the one part and is adjustable between a passive and active position for shifting a number of contact elements between a withdrawal and a contact position, whereby the contact elements, when in the contact position, mesh in a retaining indentation on the other part, and with a driving device for the adjustment of the cam-operated component between the active and passive position, characterised in that the contact elements are allocated in two or more levels essentially parallel to the insertion direction of the two parts and the cam-operated component for shifting the contact elements between the withdrawal and contact positions is allocated to each level;

~~Connecting mechanism according to claim 1, characterized in that~~ the cam-operated component having a~~the~~ cam ring with~~presents~~ a guide slot having first and second ends, the guide slot running~~that runs~~ in the direction of rotation, and the ends determining~~through the ends of which essentially~~ the passive and active positions of the cam ring~~are determined~~.

16. (currently amended) Connecting mechanism according to claim 15~~1~~, characterized in that the cam ring presents a gearing at least along one part of its outside circumference, ~~with which~~ the gearing meshing with a pinion that can be rotated by the driving device~~meshes~~.

17. (currently amended) Connecting mechanism according to claim 16~~1~~, further including a plurality of cam rings with~~characterized in that~~ each cam ring being~~is~~ driven separately.

18. (currently amended) Connecting mechanism according to claim 16~~1~~, characterized in that the driving device presents at least one electric motor, whose driven shaft has a driving connection with the pinion.

19. (currently amended) Connecting mechanism according to claim 18~~1~~, characterized in that a plurality of~~several~~ electric motors are allocated to the driven shaft.

20. (currently amended) Connecting mechanism according to claim 18~~1~~, characterized in that two or more driven shafts with one or more electric motors are arranged in the circumferential direction of the cam ring at a distance from one another.

21. (currently amended) Connecting mechanism according to claim 18~~1~~, characterized in that each of a plurality of pinions have~~with~~ a driving connection with one of a plurality of~~to different~~ driven shafts that are meshed with a~~different~~ cam ring~~rings~~.

22. (currently amended) Connecting mechanism according to claim 21~~1~~, characterized in that a step-down gear unit~~, in particular, a so-called harmonic drive,~~ is arranged between the driven shaft and pinion.

23. (currently amended) Connecting mechanism according to claim 1, characterized in that the contact element presents a concave curved inner surface and/or is formed essentially wedge-shaped running in the direction radially inwards relative to a~~the~~ supporting ring.

24. (currently amended) Connecting mechanism for two parts, which are at least partially insertable into one another, with a cam-operated component, which runs on bearings on the one part and is adjustable between a passive and active position for shifting a number of contact elements between a withdrawal and a contact position, whereby the contact elements, when in the contact position, mesh in a retaining indentation on the other part, and with a driving device for the adjustment of the cam-operated component between the active and passive position, characterised in that the contact elements are allocated in two or more levels essentially parallel to the insertion direction of the two parts and the cam-operated component for shifting the contact elements between the withdrawal and contact positions is allocated to each level;

~~Connecting mechanism according to claim 1, characterized in that~~ the one part having~~presents~~ at least one retainer bore hole for the driving device in its wall~~,~~ and for the~~in its~~ insertion end of~~for~~ the other part.

25. (currently amended) Connecting mechanism for two parts, which are at least partially insertable into one another, with a cam-operated component, which runs on bearings on the one part and is adjustable between a passive and active position for shifting a number of contact

elements between a withdrawal and a contact position, whereby the contact elements, when in the contact position, mesh in a retaining indentation on the other part, and with a driving device for the adjustment of the cam-operated component between the active and passive position, characterised in that the contact elements are allocated in two or more levels essentially parallel to the insertion direction of the two parts and the cam-operated component for shifting the contact elements between the withdrawal and contact positions is allocated to each level;

~~Connecting mechanism according to claim 1, characterized in that a~~the wall on an~~the~~ insertion end of the one part has~~presents~~ an interior ring clearance zone, in which an insertion sleeve is attached in a way that it can be detached, which is formed at least for the rotatable support of a plurality of~~the~~ cam rings and for the support of a plurality of~~the~~ supporting rings.

26. (currently amended) Connecting mechanism for two parts, which are at least partially insertable into one another, with a cam-operated component, which runs on bearings on the one part and is adjustable between a passive and active position for shifting a number of contact elements between a withdrawal and a contact position, whereby the contact elements, when in the contact position, mesh in a retaining indentation on the other part, and with a driving device for the adjustment of the cam-operated component between the active and passive position, characterised in that the contact elements are allocated in two or more levels essentially parallel to the insertion direction of the two parts and the cam-operated component for shifting the contact elements between the withdrawal and contact positions is allocated to each level; and

~~Connecting mechanism according to claim 1, characterized in that~~ the retaining indentation in the other part being~~is~~ formed as a ~~revolving~~ snap ring groove.

27. (currently amended) Connecting mechanism according to claim 1, characterized in that the retaining indentation in the another~~other~~ part is enlarged radially~~expanded in the direction of the contact element~~.

28. (currently amended) Connecting mechanism according to claim 1, characterized in that the contact element is essentially formed so that it is claw-shaped or latch-shaped.

29. (currently amended) Connecting mechanism for two parts, which are at least partially insertable into one another, with a cam-operated component, which runs on bearings on the one

part and is adjustable between a passive and active position for shifting a number of contact elements between a withdrawal and a contact position, whereby the contact elements, when in the contact position, mesh in a retaining indentation on the other part, and with a driving device for the adjustment of the cam-operated component between the active and passive position, characterised in that the contact elements are allocated in two or more levels essentially parallel to the insertion direction of the two parts and the cam-operated component for shifting the contact elements between the withdrawal and contact positions is allocated to each level;

~~Connecting mechanism according to claim 1, characterized in that~~ wherein the driving device includes two pivot bearings ~~are~~ arranged on each side of a bearing shaft that has a driving connection with a~~the~~ driven shaft for a pinion~~the pinion(s)~~ in the circumferential direction of a~~the~~ cam ring of the cam-operated component.

30. (currently amended) Connecting mechanism according to claim 29~~1~~, characterized in that the position of the driven shaft and/or bearing shaft and/or pinion and/or cam ring and/or contact element can be registered by means of a position sensor.

31. (currently amended) Connecting mechanism for two parts, which are at least partially insertable into one another, with a cam-operated component, which runs on bearings on the one part and is adjustable between a passive and active position for shifting a number of contact elements between a withdrawal and a contact position, whereby the contact elements, when in the contact position, mesh in a retaining indentation on the other part, and with a driving device for the adjustment of the cam-operated component between the active and passive position, characterised in that the contact elements are allocated in two or more levels essentially parallel to the insertion direction of the two parts and the cam-operated component for shifting the contact elements between the withdrawal and contact positions is allocated to each level;

~~Connecting mechanism according to claim 1, characterized in that~~ wherein the driving device includes a~~the~~ driven shaft~~shafts are~~ mechanically synchronized in its~~their~~ rotational movements.

32. (new) A connector of oilfield members, the connector comprising:

a first member insertable at least partially into a bore of another member, the bore having a height;

the first member having at least first and second annular grooves;

the another member having at least a first and a second plurality of contact elements, the first plurality of contact elements being separate from the second plurality of contact elements;

the first plurality of contact elements being radially movable at a first height in the bore and the second plurality of contact elements being radially movable at a second height in the bore; and

at least one actuation member to move the first plurality of contact elements into the first annular groove and to move the second plurality of contact members into the second annular groove whereby the first member is held three-dimensionally within the another member.

33. (new) The connector of claim 32 wherein the first and second annular grooves have different diameters.

34. (new) The connector of claim 32 further including stops to limit the actuation of the first and second plurality of contact elements into the first and second annular grooves.

35. (new) The connector of claim 32 wherein the actuation member cams the first and second plurality of contact elements into the first and second annular grooves.

36. (new) The connector of claim 32 further including a drive member to actuate the at least one actuation member.

37. (new) The connector of claim 36 wherein the drive member is housed within the another member.

38. (new) The connector of claim 36 wherein the drive member includes a motor rotating a pinion geared to the actuation member.

39. (new) The connector of claim 38 wherein the actuation member includes at least one cam ring geared to the pinion to rotate with respect to the first and second plurality of contact members.

40. (new) The connector of claim 32 further including a sleeve mounted within the bore of the another member, the first and second plurality of contact members being movably mounted on the sleeve.